A2575-4

Summary of Occupational Injuries and Illnesses In the Petroleum Industry

As Reported to the American Petroleum Institute Covering Operations Subject to OSHA Recordkeeping Requirements Only for 1983

Statistics Department

JUNE 1984

American
Petroleum
Institute

PETROLEUM INDUSTRY OCCUPATIONAL INJURY AND ILLNESS EXPERIENCE FOR 1983

The 1983 annual API summary of occupational injuries and illnesses in the petroleum industry reports occupational injuries and illnesses recordable under Occupational Safety and Health Administration (OSHA) recordkeeping requirements. The survey shows incidence rates per 100 fulltime workers on the same basis as those reported by the Bureau of Labor Statistics.

This report is based on data collected by the API from 163 oil and gas companies employing over 495,000 persons with a work experience of more than 1,020 million hours. The Incidence Rate (i.e., total recordable cases per 100 fulltime workers) was found to be 3.20 for the year 1983 compared with 3.48 for 1982.

The Disabling Injury Frequency Rate (i.e., deaths plus cases involving days away from work) for the year 1983 averaged 5.32 per million hours compared with 6.44 for 1982. The ratio of workers to the number of disabling injuries during 1983 averaged 91 per injury as compared with 76 workers per injury in 1982. One death among petroleum workers was reported in 1983 for every 11,015 employees compared with one death for every 8,683 workers employed in 1982.

The total figures for each company are shown in the following tables under the "All Functions" heading. Each company is listed numerically by identification number throughout the tabulations. The key to this identification system is found at the end of the report. In the individual function lists, the companies are arranged according to magnitude of exposure hours.

Additional copies of this summary may be obtained by writing to the American Petroleum Institute, Publications & Distribution Section 1220 L Street, N.W., Washington, D.C. 20005.

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1983
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

1	2	3	4	5			6						7		
				Recordable Cases			Extent and Outcome of Injury or Illness						Incidence Rates		
				a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.
								Lost Workday Cases							
Function	SIC	Number of Employees	Hours Worked Thousands	Injuries	Illnesses	Total	Fatalities	Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity	Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
Exploration & Production	1311	92,884	195,631	2,285	42	2,327	7	1,004	930	17,141	1,117	1,316	2.38	0.96	17.52
Gas Processing	1321	9,355	19,317	362	6	368	1	107	96	1,396	303	260	3.81	1.00	14.45
Drilling	1381	4,798	10,145	720	2	722	2	291	258	7,449	172	429	14.23	5.13	146.85
Chemicals	2800	65,906	136,512	2,301	26	2,327	6	1,068	534	16,456	6,681	1,253	3.41	0.79	24.11
Refining	2911	78,433	162,262	3,312	188	3,500	7	1,485	937	22,708	8,973	2,008	4.31	1.16	27.99
Marketing—Wholesale	5171	39,703	80,932	1,445	10	1,455	3	1,006	885	14,805	1,762	446	3.60	2.19	36.59
Marketing—Retail	5541	43,195	81,396	1,513	1	1,514	2	694	463	7,465	2,879	818	3.72	1.14	18.34
Pipeline—Crude and Products	4610	18,083	37,434	722	18	740	8	269	259	6,298	133	463	3.95	1.43	33.65
Pipeline—Gas	4922	22,871	45,390	1,211	22	1,233	2	380	305	5,998	661	851	5.43	1.35	26.43
Marine	4400	3,711	14,084	200	1	201	0	118	103	4,331	194	85	2.85	1.46	61.50
Research and Development		17,381	35,021	382	10	392	1	118	77	1,156	694	273	2.24	0.45	6.60
Engineering & Gen. Service		10,650	22,507	220	0	220	1	102	65	1,370	553	117	1.95	0.59	12.17
Miscellaneous		77,401	156,782	909	27	936	2	456	358	3,524	1,001	478	1.19	0.46	4.50
Combined Functions		11,285	22,698	393	4	397	3	175	111	2,412	678	219	3.50	1.00	21.25
Total		495,656	1,020,111	15,975	357	16,332	45	7,273	5,381	112,509	25,801	9,014	3.20	1.06	22.06

Incidence Rates (Column 7) are calculated as follows:

$$\text{Column 7(j)} = \frac{\text{Column 5(c)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

$$\text{Column 7(k)} = \frac{\text{Column 6(d)} + 6\text{(f)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

$$\text{Column 7(l)} = \frac{\text{Column 6(g)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

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The following code will indicate the functions for which each company reported:

a—Exploration & Production
b—Gas Processing
c—Drilling
d—Chemicals
e—Refining
f—Marketing—Wholesale
g—Marketing—Retail
h—Pipeline—Crude and Products
i—Pipeline—Gas
j—Marine
k—Research and Development
l—Engineering & General Service
m—Miscellaneous

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates			
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS															
Total	495,656	1,020,111	15,976	356	16,332	45	7,273	5,381	12,509	25,801	9,014	3.20	1.06	22.06	
1	37	75	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	i
2	1,092	2,245	35	1	36	0	10	10	145	0	26	3.21	0.89	12.92	h
3	14	30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	ac
4	100	214	3	0	3	0	3	3	157	0	0	2.80	2.80	146.73	e
5	2,443	4,912	50	0	50	0	19	19	785	0	31	2.04	0.77	31.96	adefghm
6	699	585	16	0	16	0	13	13	78	65	3	5.47	4.44	26.67	abcim
7	86	15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	a
8	4	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	al
9	464	666	24	2	26	0	9	9	37	1	17	7.81	2.70	11.11	em
10	17,267	31,253	567	12	579	0	203	153	5,396	644	376	3.71	0.98	34.53	adefghjklm
11	26,304	58,439	649	14	663	4	268	256	6,570	366	391	2.27	0.89	22.48	abdefhjklm
12	423	842	77	0	77	0	31	31	489	0	46	18.29	7.36	116.15	eg
13	45	94	3	0	3	0	2	2	11	0	1	6.38	4.26	23.40	f
14	27	61	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	b
15	1,254	1,758	85	0	85	0	37	37	37	0	48	9.67	4.21	4.21	g
16	27	50	1	0	1	0	0	0	0	0	1	4.00	0.00	0.00	e
17	366	726	5	0	5	0	4	4	18	0	1	1.38	1.10	4.96	bim
18	331	711	8	0	8	0	8	8	115	0	0	2.25	2.25	32.35	a
19	17	33	2	0	2	0	1	1	3	0	1	12.12	6.06	18.18	i
20	55	109	7	0	7	0	0	0	0	0	7	12.84	0.00	0.00	b
21	201	402	11	0	11	0	0	0	0	0	11	5.47	0.00	0.00	abcdeflm
22	93	140	1	0	1	0	0	0	0	0	1	1.43	0.00	0.00	acl
23	4,176	9,080	92	0	92	0	45	45	652	0	47	2.03	0.99	14.36	abdefhm
24	19,656	42,387	648	8	656	2	446	383	5,917	1,998	208	3.10	1.82	27.92	aefghm
25	55	112	3	0	3	0	2	0	0	4	1	5.36	0.00	0.00	m
26	4,980	10,803	124	0	124	1	57	53	758	12	66	2.30	1.00	14.03	abm
27	44	110	16	0	16	0	12	12	64	0	4	29.09	21.82	116.36	e

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1983
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates			
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS (continued)															
28	310	660	47	2	49	1	32	24	332	121	16	14.85	7.58	100.61	e
29	23	48	0	2	2	0	0	0	0	0	2	8.33	0.00	0.00	f
30	214	485	15	2	17	0	7	7	142	164	10	7.01	2.89	58.56	e
31	745	1,543	17	0	17	0	6	6	53	0	11	2.20	0.78	6.87	h
32	1,394	2,791	64	0	64	0	26	26	472	0	38	4.59	1.86	33.82	i
33	3,551	7,161	145	0	145	1	53	47	872	25	91	4.05	1.34	24.35	ailm
34	219	461	9	0	9	0	1	1	31	0	8	3.90	0.43	13.45	klm
35	4	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	a
36	19,074	40,017	243	4	247	2	106	42	1,260	1,054	139	1.23	0.22	6.30	abdefghjkm
37	27	54	2	0	2	0	2	2	10	0	0	7.41	7.41	37.04	h
38	305	634	8	0	8	0	6	6	79	0	2	2.52	1.89	24.92	a
39	64	131	25	0	25	0	12	12	76	0	13	38.17	18.32	116.03	em
40	695	1,524	47	0	47	0	8	8	712	0	39	6.17	1.05	93.44	abcefhm
41	34	79	4	0	4	0	4	4	283	0	0	10.13	10.13	716.46	e
42	5,162	10,189	193	0	193	0	76	76	1,996	0	117	3.79	1.49	39.18	(im)
43	972	1,871	25	0	25	0	2	2	26	0	23	2.67	0.21	2.78	abm
44	20	35	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	alm
45	150	316	3	0	3	0	0	0	0	0	3	1.90	0.00	0.00	h
46	1,170	2,182	9	1	10	0	6	2	11	59	4	0.92	0.18	1.01	klm
47	31,129	68,655	462	25	487	2	168	88	4,363	1,250	317	1.42	0.26	12.71	abefghijlm
48	3,718	6,972	36	1	37	0	17	8	246	308	20	1.06	0.23	7.06	klm
49	744	1,270	26	0	26	0	12	12	205	35	14	4.09	1.89	32.28	bei
50	38	77	2	0	2	0	1	1	15	0	1	5.19	2.60	38.96	b
51	9	18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	m
52	44	93	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	a
53	13,120	25,465	337	1	338	5	100	97	3,156	80	233	2.65	0.80	24.79	abcdefghil
54	300	587	12	0	12	0	5	2	17	36	7	4.09	0.68	5.79	e
55	22,775	47,559	539	3	542	4	234	186	3,262	989	304	2.28	0.80	13.72	abcdefhjkm
56	12	24	6	0	6	0	4	4	80	0	2	50.00	33.33	666.67	a
57	42	88	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	ab
58	25	49	1	6	7	0	5	5	1,040	0	2	28.57	20.41	4,244.90	il
59	226	487	34	0	34	0	14	14	269	0	20	13.96	5.75	110.47	ef
60	143	339	11	0	11	0	5	5	85	10	6	6.49	2.95	50.15	ef
61	16	30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	h
62	201	399	17	1	18	0	2	2	39	0	16	9.02	1.00	19.55	h
63	126	298	10	0	10	0	1	1	2	10	9	6.71	0.67	1.34	e
64	338	762	54	0	54	0	49	49	895	0	5	14.17	12.86	234.91	ac
65	15	19	1	0	1	0	0	0	0	0	1	10.53	0.00	0.00	ab

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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS (continued)															
66	1,557	3,163	101	3	104	0	55	55	543	0	49	6.58	3.48	34.33	i
67	127	234	8	0	8	0	3	3	45	0	5	6.84	2.56	38.46	h
68	199	426	4	0	4	0	3	3	37	0	1	1.88	1.41	17.37	i
69	41	75	3	0	3	0	2	2	3	0	1	8.00	5.33	8.00	b
70	5,706	11,870	262	0	262	2	142	110	5,042	0	118	4.41	1.89	84.95	abcdeghkl
71	1,187	2,465	87	4	91	0	40	40	451	166	51	7.38	3.25	36.59	e
72	33	73	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	a
73	260	493	9	1	10	0	4	4	188	0	6	4.06	1.62	76.27	hlm
74	26	51	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	efhm
75	75	141	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	am
76	72	129	1	0	1	0	0	0	0	0	1	1.55	0.00	0.00	h
77	4,345	9,052	346	0	346	0	181	57	747	1,684	165	7.64	1.26	16.50	gil
78	734	1,468	12	0	12	0	5	5	28	0	7	1.63	0.68	3.81	ae
79	41	79	6	0	6	0	1	1	2	0	5	15.19	2.53	5.06	efhm
80	10,059	19,184	372	6	378	0	236	226	2,963	143	142	3.94	2.36	30.89	aefghkm
81	50	104	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	e
82	48	231	24	0	24	0	11	11	424	9	13	20.78	9.52	367.10	c
83	702	1,580	9	0	9	0	7	7	45	0	2	1.14	0.89	5.70	a
84	46	96	3	0	3	0	2	2	48	0	1	6.25	4.17	100.00	b
85	6	13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	b
86	612	1,099	46	2	48	0	20	20	107	8	28	8.74	3.64	19.47	m
87	36,717	75,528	713	0	713	1	411	380	8,799	902	301	1.89	1.01	23.30	adefhklm
88	3	6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	b
89	420	841	3	0	3	0	0	0	0	0	3	0.71	0.00	0.00	ab
90	47	97	3	0	3	0	2	1	5	3	1	6.19	2.06	10.31	i
91	404	828	24	0	24	0	15	8	82	23	9	5.80	1.93	19.81	ail
92	918	2,033	38	1	39	0	32	6	70	110	7	3.84	0.59	6.89	aefm
93	14	32	2	0	2	0	0	0	0	0	2	12.50	0.00	0.00	b
94	553	986	28	0	28	0	9	9	95	0	19	5.68	1.83	19.27	aeh
95	799	1,451	44	0	44	0	20	9	116	331	24	6.15	1.26	16.21	(ai)
96	46	85	2	0	2	0	1	1	6	0	1	4.71	2.35	14.12	bm
97	2,716	5,166	109	0	109	0	23	23	258	0	86	4.22	0.89	9.99	abcim
98	313	644	13	3	16	0	6	4	112	52	10	4.97	1.24	34.78	e
99	183	377	10	0	10	0	4	4	23	0	6	5.31	2.12	12.20	b
100	1,157	2,237	69	1	70	0	50	30	256	56	20	6.26	2.68	22.89	im
101	9,607	22,607	271	0	271	2	154	145	2,790	117	115	2.40	1.30	24.68	adf
102	136	272	15	0	15	0	7	7	21	0	8	11.03	5.15	15.44	h

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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS (continued)															
103	2,475	4,714	138	16	154	0	19	13	337	90	135	6.53	0.55	14.30	m
104	152	262	14	0	14	0	5	3	7	55	9	10.69	2.29	5.34	e
105	79	328	6	0	6	0	2	2	26	0	4	3.66	1.22	15.85	e
106	3,630	6,836	137	6	143	1	47	22	326	294	95	4.18	0.67	9.54	i
107	14	38	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	i
108	22	44	1	0	1	0	0	0	0	0	1	4.55	0.00	0.00	b
109	6,120	12,508	250	0	250	0	148	132	2,282	384	102	4.00	2.11	36.49	aefghkm
110	1,435	2,567	72	2	74	0	72	72	689	0	2	5.77	5.61	53.68	m
111	44	88	6	5	11	0	8	8	21	0	3	25.00	18.18	47.73	bi
112	82	169	8	0	8	0	2	2	20	2	6	9.47	2.37	23.67	m
113	22,161	46,102	632	20	652	4	297	71	1,013	2,236	351	2.83	0.33	4.39	(abc)deghjklm
114	302	555	3	0	3	0	1	1	6	0	2	1.08	0.36	2.16	h
115	206	478	9	0	9	0	5	5	36	0	4	3.77	2.09	15.06	ef
116	29	61	1	0	1	0	1	1	27	0	0	3.28	3.28	88.52	h
117	80	145	8	0	8	0	5	5	58	0	3	11.03	6.90	80.00	hm
118	367	1,263	261	0	261	0	79	78	554	11	182	41.33	12.35	87.73	aehlm
119	136	271	12	0	12	0	4	4	69	0	8	8.86	2.95	50.92	e
120	17	30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	im
121	1,951	4,258	87	0	87	0	58	8	158	333	29	4.09	0.38	7.42	m
122	314	693	46	1	47	1	28	23	192	219	18	13.56	6.93	55.41	ehm
123	15	31	4	10	14	0	10	10	31	0	4	90.32	64.52	200.00	a
124	1,672	3,651	188	0	188	1	69	69	1,783	0	118	10.30	3.83	97.67	c
125	390	853	17	0	17	0	9	8	105	7	8	3.99	1.88	24.62	e
126	1,093	2,130	37	2	39	0	31	31	131	13	8	3.66	2.91	12.30	abfm
127	32,909	64,983	500	16	516	1	244	156	1,798	1,254	271	1.59	0.48	5.53	abcdefghkm
128	127	258	6	0	6	0	4	3	7	5	2	4.65	2.33	5.43	bfl
129	223	469	28	0	28	0	11	11	487	0	17	11.94	4.69	207.68	e
130	164	366	14	1	15	0	15	15	244	0	0	8.20	8.20	133.33	efgh
131	308	665	6	0	6	0	0	0	0	0	6	1.80	0.00	0.00	a
132	1,769	3,549	53	0	53	0	9	9	397	0	44	2.99	0.51	22.37	i
133	403	836	6	0	6	0	3	3	32	0	3	1.44	0.72	7.66	h
134	246	502	27	0	27	0	14	14	326	35	13	10.76	5.58	129.88	befhm
135	153	324	14	0	14	0	8	8	32	0	6	8.64	4.94	19.75	efm
136	40,933	84,573	1,470	8	1,478	1	661	402	8,032	3,581	816	3.50	0.95	18.99	abdefhjkm
137	19,973	38,506	517	5	522	2	228	144	2,271	961	292	2.71	0.76	11.80	abdefghjkl
138	13,964	29,040	404	134	538	1	226	192	3,989	549	311	3.71	1.33	27.47	abdefghjkm
139	32	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	f

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1983
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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates			
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS (continued)															
140	10,328	20,424	465	1	466	1	213	153	3,259	1,317	252	4.56	1.51	31.91	abcdefghjm
141	1,631	3,424	64	0	64	0	50	50	718	0	14	3.74	2.92	41.94	acefghm
142	27,324	58,775	1,142	12	1,154	1	423	247	5,436	1,644	730	3.93	0.84	18.50	acdefhjkm
143	525	1,057	20	0	20	0	10	10	416	0	10	3.78	1.89	78.71	e
144	5,924	12,729	519	0	519	2	85	85	2,213	0	432	8.15	1.37	34.77	aeghikm
145	1,431	3,145	96	0	96	0	15	15	166	0	81	6.10	0.95	10.56	i
146	21	4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	a
147	17	32	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	am
148	1,323	2,475	65	3	68	0	10	8	93	13	58	5.49	0.65	7.52	i
149	730	1,434	43	0	43	0	7	7	546	0	36	6.00	0.98	76.15	d
150	118	249	2	0	2	0	2	2	375	0	0	1.61	1.61	301.20	e
151	163	352	9	0	9	0	2	2	8	0	7	5.11	1.14	4.55	m
152	13,628	26,958	583	6	589	1	300	100	3,314	1,490	288	4.37	0.75	24.59	abdefghjkm
153	2,241	4,424	53	1	54	0	28	25	448	64	26	2.44	1.13	20.25	i
154	350	730	15	0	15	0	11	11	408	0	4	4.11	3.01	111.78	e
155	421	788	12	0	12	0	5	5	291	0	7	3.05	1.27	73.86	i
156	248	519	24	0	24	0	9	9	195	0	15	9.25	3.47	75.14	f
157	60	128	16	0	16	0	5	5	25	19	11	25.00	7.81	39.06	abim
158	24	50	1	0	1	0	0	0	0	0	1	4.00	0.00	0.00	e
159	203	414	6	0	6	0	3	1	14	3	3	2.90	0.48	6.76	i
160	148	378	12	0	12	0	11	10	247	1	1	6.35	5.29	130.69	a
161	650	1,296	42	1	43	0	16	16	438	0	27	6.64	2.47	67.59	h
162	6,720	13,699	329	0	329	1	160	139	3,651	386	168	4.80	2.04	53.30	adefkl
163	65	31	8	0	8	0	5	5	195	0	3	51.61	32.26	1,258.06	ek

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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
EXPLORATION & PRODUCTION														
Total	92,884	195,631	2,285	42	2,327	7	1,004	930	17,141	1,117	1,316	2.36	0.96	17.52
47	8,712	18,427	99	5	104	0	22	17	567	178	82	1.13	0.18	6.15
136	8,307	15,307	103	0	103	0	38	37	793	8	65	1.35	0.48	10.36
127	7,661	15,540	170	9	179	0	79	51	0	268	100	2.30	0.66	0.00
142	7,020	15,240	355	3	358	0	89	77	1,550	76	269	4.70	1.01	20.34
87	6,432	13,727	109	0	109	0	59	59	1,790	0	50	1.59	0.86	26.08
11	5,536	13,698	147	0	147	3	41	41	898	21	103	2.15	0.64	13.11
24	5,410	13,134	179	1	180	0	114	113	1,622	179	66	2.74	1.72	24.70
55	5,255	10,204	88	0	88	1	35	35	505	0	52	1.72	0.71	9.90
53	4,777	8,283	65	0	65	2	15	13	490	0	48	1.57	0.36	11.83
140	4,067	7,920	57	0	57	0	35	35	1,766	32	22	1.44	0.88	44.60
80	3,400	6,649	141	3	144	0	86	85	1,489	5	58	4.33	2.56	44.79
138	3,336	6,938	105	4	109	0	46	45	714	50	63	3.14	1.30	20.58
36	3,094	6,436	55	3	58	1	28	16	415	150	29	1.80	0.53	12.90
152	2,959	5,503	77	0	77	0	23	23	817	0	54	2.80	0.84	29.69
137	2,584	8,733	87	0	87	0	36	34	94	45	51	1.99	0.78	2.15
26	2,458	5,665	60	0	60	0	33	32	495	1	27	2.12	1.13	17.48
109	2,121	4,494	64	0	64	0	31	31	549	0	33	2.85	1.38	24.43
70	1,103	2,296	32	0	32	0	20	20	322	0	12	2.79	1.74	28.05
101	733	1,878	19	0	19	0	10	10	199	0	9	2.02	1.06	21.19
23	717	1,542	25	0	25	0	6	6	73	0	19	3.24	0.78	9.47
83	702	1,580	9	0	9	0	7	7	45	0	2	1.14	0.89	5.70
78	642	1,284	8	0	8	0	2	2	14	0	6	1.25	0.31	2.18
126	630	1,224	31	2	33	0	27	27	109	13	6	5.39	4.41	17.81
43	585	1,156	9	0	9	0	0	0	0	0	9	1.56	0.00	0.00
6	451	393	13	0	13	0	10	10	63	43	3	6.62	5.09	32.06
5	405	788	4	0	4	0	2	2	222	0	2	1.02	0.51	56.35
89	388	778	2	0	2	0	0	0	0	0	2	0.51	0.00	0.00
10	337	658	20	1	21	0	5	5	35	10	16	6.38	1.52	10.64
18	331	711	8	0	8	0	8	8	115	0	0	2.25	2.25	32.35
131	308	665	6	0	6	0	0	0	0	0	6	1.80	0.00	0.00
38	305	634	8	0	8	0	6	6	79	0	2	2.52	1.89	24.92
64	269	657	45	0	45	0	41	41	786	0	4	13.70	12.48	239.27
91	261	536	23	0	23	0	15	8	82	23	8	8.58	2.99	30.60
144	240	309	1	0	1	0	0	0	0	0	1	0.65	0.00	0.00
97	186	354	3	0	3	0	1	1	3	0	2	1.69	0.56	1.69
162	175	369	5	0	5	0	4	4	64	0	1	2.71	2.17	34.69

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
EXPLORATION & PRODUCTION (continued)														
160	148	378	12	0	12	0	11	10	247	1	1	6.35	5.29	130.69
33	104	216	3	0	3	0	1	1	1	0	2	2.78	0.93	0.93
94	100	184	4	0	4	0	1	1	2	0	3	4.35	1.09	2.17
7	86	15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
40	86	178	5	0	5	0	0	0	0	0	5	5.62	0.00	0.00
21	69	138	2	0	2	0	0	0	0	0	2	2.90	0.00	0.00
75	53	100	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
22	51	71	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
52	44	93	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
92	43	90	0	1	1	0	0	0	0	0	1	2.22	0.00	0.00
57	33	70	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
72	33	73	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
141	30	127	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
146	21	4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
123	15	31	4	10	14	0	10	10	31	0	4	90.32	64.52	200.00
157	15	36	3	0	3	0	1	1	8	14	2	16.67	5.56	44.44
56	12	24	6	0	6	0	4	4	80	0	2	50.00	33.33	666.67
44	10	17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
65	8	15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
3	7	15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
147	7	15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
118	5	13	14	0	14	0	2	2	7	0	12	215.38	30.77	107.69
35	4	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
8	3	8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1983
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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
GAS PROCESSING														
Total	9,355	19,317	362	6	368	1	107	96	1,396	303	260	3.81	1.00	14.45
127	1,260	2,503	14	0	14	0	3	3	0	5	11	1.12	0.24	0.00
55	1,185	2,526	41	3	44	0	6	1	9	187	38	3.48	0.08	0.71
136	843	1,735	17	0	17	0	5	5	145	0	12	1.96	0.58	16.71
26	835	1,791	34	0	34	1	12	9	140	11	21	3.80	1.12	15.63
47	762	1,656	11	0	11	0	1	1	115	0	10	1.33	0.12	13.89
138	729	1,516	24	0	24	0	8	8	51	0	16	3.17	1.06	6.73
11	562	1,168	48	0	48	0	17	17	180	0	31	8.22	2.91	30.82
53	530	1,117	35	0	35	0	10	9	223	80	25	6.27	1.61	39.93
36	426	886	9	0	9	0	0	0	0	0	9	2.03	0.00	0.00
23	279	616	18	0	18	0	10	10	261	0	8	5.84	3.25	84.74
152	219	407	6	0	6	0	0	0	0	0	6	2.95	0.00	0.00
49	203	271	15	0	15	0	5	5	50	15	10	11.07	3.69	36.90
99	183	377	10	0	10	0	4	4	23	0	6	5.31	2.12	12.20
140	182	363	2	0	2	0	1	1	5	0	1	1.10	0.55	2.75
43	170	335	13	0	13	0	2	2	26	0	11	7.76	1.19	15.52
17	126	266	3	0	3	0	3	3	7	0	0	2.26	2.26	5.26
70	112	232	5	0	5	0	2	1	16	0	3	4.31	0.86	13.79
128	107	216	6	0	6	0	4	3	7	5	2	5.56	2.78	6.48
40	97	272	5	0	8	0	1	1	43	0	7	5.88	0.74	31.62
134	63	134	3	0	3	0	0	0	0	0	3	4.48	0.00	0.00
20	55	109	7	0	7	0	0	0	0	0	7	12.84	0.00	0.00
21	50	100	9	0	9	0	0	0	0	0	9	18.00	0.00	0.00
84	46	96	3	0	3	0	2	2	48	0	1	6.25	4.17	100.00
69	41	75	3	0	3	0	2	2	3	0	1	8.00	5.33	8.00
50	38	77	2	0	2	0	1	1	15	0	1	5.19	2.60	38.96
89	32	63	1	0	1	0	0	0	0	0	1	3.17	0.00	0.00
96	32	60	2	0	2	0	1	1	6	0	1	6.67	3.33	20.00
97	28	53	3	0	3	0	0	0	0	0	3	11.32	0.00	0.00
14	27	61	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
111	26	51	1	3	4	0	4	4	11	0	0	15.69	15.69	43.14
6	22	19	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
108	22	44	1	0	1	0	0	0	0	0	1	4.55	0.00	0.00
126	17	32	5	0	5	0	3	3	12	0	2	31.25	18.75	75.00
93	14	32	2	0	2	0	0	0	0	0	2	12.50	0.00	0.00
57	9	18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
65	7	4	1	0	1	0	0	0	0	0	1	50.00	0.00	0.00

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							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
GAS PROCESSING (continued)														
157	7	17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
85	6	13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
88	3	6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
DRILLING														
Total	4,798	10,145	720	2	722	2	291	258	7,449	172	429	14.23	5.13	146.85
124	1,672	3,651	188	0	188	1	69	69	1,783	0	118	10.30	3.83	97.67
127	771	1,581	41	1	42	0	23	13	0	137	19	5.31	1.64	0.00
140	656	1,311	152	0	152	0	36	36	377	0	116	23.19	5.49	57.51
142	520	1,040	109	1	110	0	45	41	1,122	4	65	21.15	7.88	215.77
70	492	1,023	93	0	93	0	59	40	2,060	0	34	18.18	7.82	402.74
55	240	480	40	0	40	1	14	14	177	0	25	16.67	6.25	73.75
40	101	181	23	0	23	0	6	6	668	0	17	25.41	6.63	738.12
141	96	203	21	0	21	0	12	12	291	0	9	20.69	11.82	286.70
53	90	263	19	0	19	0	7	7	428	0	12	14.45	5.32	325.48
64	69	105	9	0	9	0	8	8	109	0	1	17.14	15.24	207.62
82	48	231	24	0	24	0	11	11	424	9	13	20.78	9.52	367.10
22	12	21	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
97	10	19	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
21	8	16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
3	7	15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
6	6	5	1	0	1	0	1	1	10	22	0	40.00	40.00	400.00

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							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
CHEMICALS														
Total	65,906	136,512	2,301	26	2,327	6	1,068	534	16,456	6,681	1,253	3.41	0.79	24.11
136	12,526	24,041	819	3	822	0	341	143	3,527	2,825	481	6.84	1.19	29.34
87	12,016	25,486	240	0	240	1	104	83	2,427	411	135	1.88	0.66	19.05
101	7,179	16,503	134	0	134	2	34	25	523	117	98	1.62	0.33	6.34
113	5,027	10,458	158	9	167	0	85	18	264	675	82	3.19	0.34	5.05
11	3,944	7,797	119	0	119	1	58	49	1,137	19	60	3.05	1.28	29.17
10	3,660	7,361	105	9	114	0	47	16	671	546	67	3.10	0.43	18.23
127	3,599	7,144	59	3	62	1	15	5	311	216	46	...74	0.17	8.71
162	2,863	5,686	185	0	185	0	91	72	2,196	338	94	6.51	2.53	77.24
70	2,829	5,883	86	0	86	1	46	34	2,082	0	39	2.92	1.19	70.78
152	2,774	6,022	154	1	155	0	132	36	1,494	28	23	5.15	1.20	49.62
142	1,762	3,877	28	0	28	0	15	13	440	13	13	1.44	0.67	22.70
55	1,674	3,800	29	0	29	0	10	0	0	279	19	1.53	0.00	0.00
137	1,655	3,450	38	0	38	0	24	24	339	0	14	2.20	1.39	19.65
36	1,634	3,399	28	0	28	0	14	0	0	311	14	1.65	0.00	0.00
140	1,028	2,057	51	1	52	0	37	1	167	903	15	5.06	0.10	16.24
149	730	1,434	43	0	43	0	7	7	546	0	36	6.00	0.98	76.15
53	327	684	12	0	12	0	3	3	70	0	9	3.51	0.88	20.47
5	324	639	6	0	6	0	3	3	187	0	3	1.88	0.94	58.53
23	305	689	7	0	7	0	2	2	75	0	5	2.03	0.58	21.77
138	27	56	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
21	23	46	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
REFINING														
Total	78,433	162,262	3,312	188	3,500	7	1,485	937	22,708	8,973	2,008	4.31	1.16	27.99
127	7,035	13,921	112	0	112	0	54	20	606	472	58	1.61	0.29	8.71
47	6,972	14,432	89	17	106	0	23	6	357	630	83	1.47	0.08	4.95
142	6,450	14,166	458	6	464	0	156	17	924	1,460	308	6.55	0.24	13.05
87	5,713	11,855	155	0	155	0	103	94	2,098	415	52	2.61	1.59	35.39
24	5,645	11,383	228	3	231	1	149	106	2,188	1,563	81	4.06	1.88	38.44
55	5,204	10,974	173	0	173	2	65	40	1,214	335	106	3.15	0.77	22.13
136	5,070	10,495	180	0	180	0	77	40	1,187	379	103	3.43	0.76	22.62
11	3,621	7,368	97	5	102	0	25	25	1,353	67	77	2.77	0.68	36.73
138	3,212	6,680	141	126	267	1	76	44	970	496	190	7.99	1.35	29.04
113	2,770	5,763	135	4	139	0	64	2	72	639	75	4.82	0.07	2.50
152	2,713	5,390	98	3	101	0	54	14	440	451	47	3.75	0.52	16.33

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1983
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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
REFINING (continued)														
162	1,987	4,073	117	0	117	0	53	51	1,295	43	64	5.75	2.50	63.59
36	1,972	4,101	56	1	57	0	20	2	16	280	37	2.78	0.10	0.78
137	1,970	3,590	28	5	33	0	14	12	316	13	19	1.84	0.67	17.60
10	1,936	4,248	96	2	98	0	42	42	1,563	0	56	4.61	1.98	73.59
80	1,892	3,738	63	1	64	0	35	31	586	79	29	3.42	1.66	31.35
53	1,425	3,122	90	0	90	0	10	10	474	0	80	5.77	0.64	30.37
109	1,352	2,810	60	0	60	0	37	24	583	329	23	4.27	1.71	41.49
71	1,187	2,465	87	4	91	0	40	40	451	166	51	7.38	3.25	36.59
23	1,054	2,393	30	0	30	0	20	20	211	0	10	2.51	1.67	17.63
5	992	1,995	34	0	34	0	11	11	323	0	23	3.41	1.10	32.38
70	700	1,456	23	0	23	0	5	5	29	0	18	3.16	0.69	3.98
140	638	1,275	37	0	37	1	28	4	227	342	8	5.80	0.78	35.61
143	525	1,057	20	0	20	0	10	10	416	0	10	3.78	1.89	78.71
49	474	868	8	0	8	0	7	7	155	20	1	1.84	1.61	35.71
92	420	990	34	0	34	0	28	2	46	110	6	6.87	0.40	9.29
94	406	726	22	0	22	0	7	7	92	0	15	6.06	1.93	25.34
125	390	853	17	0	17	0	9	8	105	7	8	3.99	1.88	24.62
144	352	690	30	0	30	0	4	4	250	0	26	8.70	1.16	72.46
154	350	730	15	0	15	0	11	11	408	0	4	4.11	3.01	111.78
98	313	644	13	3	16	0	6	4	112	52	10	4.97	1.24	34.78
28	310	660	47	2	49	1	32	24	332	121	16	14.85	7.58	100.61
54	300	587	12	0	12	0	5	2	17	36	7	4.09	0.68	5.79
129	223	469	28	0	28	0	11	11	487	0	17	11.94	4.69	207.68
30	214	485	15	2	17	0	7	7	142	164	10	7.01	2.89	58.56
59	213	458	29	0	29	0	12	12	267	0	17	12.66	5.24	116.59
118	194	551	213	0	213	0	66	66	392	9	147	77.31	23.96	142.29
122	182	408	46	1	47	1	28	23	192	219	18	23.04	11.76	94.12
40	172	396	4	0	4	0	0	0	0	0	4	2.02	0.00	0.00
115	155	349	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
104	152	262	14	0	14	0	5	3	7	55	9	10.69	2.29	5.34
141	150	342	6	0	6	0	4	4	72	0	2	3.51	2.34	42.11
119	136	271	12	0	12	0	4	4	69	0	8	8.86	2.95	50.92
63	126	298	10	0	10	0	1	1	2	10	9	6.71	0.67	1.34
150	118	249	2	0	2	0	2	2	375	0	0	1.61	1.61	301.20
9	114	223	15	2	17	0	5	5	24	1	12	15.25	4.48	21.52
4	100	214	3	0	3	0	3	3	157	0	0	2.80	2.80	146.73
60	96	208	10	0	10	0	4	4	83	10	6	9.62	3.85	79.81

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
REFINING (continued)														
78	92	184	4	0	4	0	3	3	14	0	1	4.35	3.26	15.22
135	85	163	5	0	5	0	1	1	4	0	4	6.13	1.23	4.91
105	79	328	6	0	6	0	2	2	26	0	4	3.66	1.22	15.85
134	71	153	15	0	15	0	7	7	153	0	8	19.61	9.15	200.00
163	62	25	8	0	8	0	5	5	195	0	3	64.00	40.00	1,560.00
12	58	109	11	0	11	0	5	5	22	0	6	20.18	9.17	40.37
81	50	104	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
39	47	98	25	0	25	0	12	12	76	0	13	51.02	24.49	155.10
27	44	110	16	0	16	0	12	12	64	0	4	29.09	21.82	116.36
41	34	79	4	0	4	0	4	4	263	0	0	10.13	10.13	716.46
16	27	50	1	0	1	0	0	0	0	0	1	4.00	0.00	0.00
130	27	58	0	1	1	0	1	1	184	0	0	3.45	3.45	634.48
158	24	50	1	0	1	0	0	0	0	0	1	4.00	0.00	0.00
74	17	34	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
79	16	26	4	0	4	0	1	1	2	0	3	30.77	7.69	15.38
21	5	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
MARKETING—WHOLESALE														
Total	39,703	80,932	1,445	10	1,455	3	1,006	885	14,805	1,762	446	3.60	2.19	36.59
47	4,367	9,453	64	0	64	0	43	23	1,410	214	21	1.35	0.49	29.83
87	4,211	8,751	124	0	124	0	110	110	1,780	0	14	2.83	2.51	40.68
142	4,056	8,671	113	2	115	1	78	64	1,112	74	36	2.65	1.50	25.65
10	3,545	3,489	61	0	61	0	17	13	394	21	44	3.50	0.75	22.59
127	3,324	6,578	47	1	48	0	38	37	565	12	10	1.46	1.12	17.18
55	2,686	6,022	92	0	92	0	75	74	1,059	6	11	3.06	2.46	35.17
24	2,544	5,291	86	1	87	1	68	66	1,150	73	18	3.29	2.53	43.47
136	2,527	6,388	139	0	139	1	104	104	1,336	0	34	4.35	3.29	41.83
152	2,046	3,911	137	2	139	0	55	6	184	777	84	7.11	0.31	9.41
11	1,828	3,802	57	0	57	0	40	40	837	229	17	3.00	2.10	44.03
101	1,695	4,226	118	0	118	0	110	110	2,068	0	8	5.58	5.21	97.87
36	1,218	2,532	35	0	35	0	17	2	189	70	18	2.76	0.16	14.93
137	1,060	1,897	19	0	19	0	13	4	230	157	6	2.00	0.42	24.25
109	939	1,766	57	0	57	0	33	31	251	53	24	6.46	3.51	28.43
80	834	1,666	124	2	126	0	91	88	729	38	35	15.13	10.56	87.52
138	741	1,541	45	0	45	0	36	35	393	3	9	5.84	4.54	51.01
53	530	1,573	12	0	12	0	6	6	377	0	6	1.53	0.76	47.93

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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MARKETING—WHOLESALE (continued)														
140	264	528	29	0	29	0	15	15	135	0	14	10.98	5.68	51.14
156	248	519	24	0	24	0	9	9	195	0	15	9.25	3.47	75.14
162	185	374	3	0	3	0	2	2	30	0	1	1.60	1.07	16.04
141	160	434	10	0	10	0	9	9	83	0	1	4.61	4.15	38.25
92	132	280	3	0	3	0	3	3	16	0	0	2.14	2.14	11.43
23	86	262	1	0	1	0	1	1	5	0	0	0.76	0.76	3.82
5	64	139	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
115	51	129	9	0	9	0	5	5	36	0	4	13.95	7.75	55.81
130	50	122	9	0	9	0	9	9	25	0	0	14.75	14.75	40.98
60	47	131	1	0	1	0	1	1	2	0	0	1.53	1.53	3.05
134	47	82	9	0	9	0	7	7	173	35	2	21.95	17.07	421.95
13	45	94	3	0	3	0	2	2	11	0	1	6.38	4.26	23.40
139	32	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
135	30	84	9	0	9	0	7	7	28	0	2	21.43	16.67	66.67
29	23	48	0	2	2	0	0	0	0	0	2	8.33	0.00	0.00
126	20	39	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
40	18	37	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
59	13	29	5	0	5	0	2	2	2	0	3	34.48	13.79	13.79
128	8	17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
21	5	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
74	2	3	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
79	2	4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00

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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MARKETING—RETAIL														
Total	43,195	81,396	1,513	1	1,514	2	694	463	7,465	2,879	818	3.72	1.14	18.34
137	11,000	17,449	337	0	337	2	140	69	1,291	746	195	3.86	0.81	14.80
47	4,805	10,342	130	0	130	0	49	23	974	163	81	2.51	0.44	18.84
10	4,318	7,621	110	0	110	0	38	28	699	56	72	2.89	0.73	18.34
36	4,164	8,661	12	0	12	0	10	6	430	99	2	0.28	0.14	9.93
53	3,910	7,085	53	0	53	0	25	25	472	0	28	1.50	0.71	13.32
140	3,050	6,084	137	0	137	0	61	61	582	40	76	4.50	2.01	19.13
77	2,490	5,169	273	0	273	0	140	46	539	1,207	133	10.56	1.78	20.86
24	2,224	4,625	98	0	98	0	74	72	819	15	24	4.24	3.11	35.42
113	1,676	3,486	51	0	51	0	28	8	120	442	23	2.93	0.46	6.88
138	1,568	3,260	2	1	3	0	1	1	3	0	2	0.18	0.06	0.18
15	1,254	1,758	85	0	85	0	37	37	37	0	48	9.67	4.21	4.21
144	987	2,303	75	0	75	0	22	22	479	0	53	6.51	1.91	41.60
12	365	733	66	0	66	0	26	26	467	0	40	18.01	7.09	127.42
109	323	690	37	0	37	0	20	19	311	2	17	10.72	5.51	90.14
141	305	609	10	0	10	0	10	10	87	0	0	3.28	3.28	28.57
127	145	282	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
80	142	261	8	0	8	0	4	3	20	10	4	6.13	2.30	15.33
5	140	305	2	0	2	0	2	2	35	0	0	1.31	1.31	22.95
70	140	291	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
152	140	280	26	0	26	0	6	4	93	99	20	18.57	2.86	66.43
130	49	102	1	0	1	0	1	1	7	0	0	1.96	1.96	13.73
PIPELINE—CRUDE & PRODUCTS														
Total	18,083	37,434	722	18	740	8	269	259	6,298	133	463	3.95	1.43	33.65
87	1,357	2,845	30	0	30	0	19	19	535	0	11	2.11	1.34	37.61
10	1,266	2,602	117	0	117	0	37	37	1,492	0	80	8.99	2.84	114.68
127	1,234	2,396	14	1	15	0	6	4	58	28	9	1.25	0.33	4.84
11	1,214	2,455	49	8	57	0	20	20	516	0	37	4.64	1.63	42.04
53	1,184	2,637	47	1	48	3	20	20	617	0	25	3.64	1.74	46.80
2	1,092	2,245	35	1	36	0	10	10	145	0	26	3.21	0.89	12.92
113	917	1,907	19	0	19	1	3	1	36	11	15	1.99	0.21	3.78
47	828	1,570	14	3	17	1	3	3	181	0	13	2.17	0.51	23.06
31	745	1,543	17	0	17	0	6	6	53	0	11	2.20	0.78	6.87
142	684	1,463	29	0	29	0	8	7	131	7	21	3.96	0.96	17.91
136	677	1,462	16	1	17	0	8	8	404	29	9	2.33	1.09	55.27

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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
PIPELINE—CRUDE & PRODUCTS (continued)														
161	650	1,296	42	1	43	0	16	16	438	0	27	6.64	2.47	67.59
137	570	1,076	3	0	3	0	0	0	0	0	3	0.56	0.00	0.00
138	507	1,054	19	0	19	0	5	5	54	0	14	3.61	0.95	10.25
144	504	1,228	41	0	41	1	3	3	132	0	37	6.68	0.65	21.50
24	437	891	21	0	21	0	12	10	72	12	9	4.71	2.24	16.16
55	435	1,030	4	0	4	0	1	1	4	0	3	0.78	0.19	0.78
133	403	836	6	0	6	0	3	3	32	0	3	1.44	0.72	7.66
80	381	729	19	0	19	0	8	7	18	1	11	5.21	1.92	4.94
36	358	772	3	0	3	0	1	1	23	0	2	0.78	0.26	5.96
152	349	669	44	0	44	1	9	7	206	45	34	13.15	2.39	61.58
114	302	555	3	0	3	0	1	1	6	0	2	1.08	0.36	2.16
109	253	546	26	0	26	0	22	22	516	0	4	9.52	8.06	189.01
141	251	652	16	0	16	0	15	15	185	0	1	4.91	4.60	56.75
62	201	399	17	1	18	0	2	2	39	0	16	9.02	1.00	19.55
73	194	386	9	1	10	0	4	4	188	0	6	5.18	2.07	97.41
45	150	316	3	0	3	0	0	0	0	0	3	1.90	0.00	0.00
23	136	290	1	0	1	0	1	1	3	0	0	0.69	0.69	2.07
102	136	272	15	0	15	0	7	7	21	0	8	11.03	5.15	15.44
67	127	234	8	0	8	0	3	3	45	0	5	6.84	2.56	38.46
5	105	218	4	0	4	0	1	1	18	0	3	3.67	0.92	16.51
76	72	129	1	0	1	0	0	0	0	0	1	1.55	0.00	0.00
40	61	127	6	0	6	0	1	1	1	0	5	9.45	1.57	1.57
70	61	127	4	0	4	1	0	0	0	0	3	6.30	1.57	0.00
117	49	89	8	0	8	0	5	5	58	0	3	17.98	11.24	130.34
94	47	76	2	0	2	0	1	1	1	0	1	5.26	2.63	2.63
130	38	84	4	0	4	0	4	4	28	0	0	9.52	9.52	66.67
116	29	61	1	0	1	0	1	1	27	0	0	3.28	3.28	88.52
37	27	54	2	0	2	0	2	2	10	0	0	7.41	7.41	37.04
61	16	30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
122	15	37	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
140	12	25	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
118	4	11	3	0	3	0	1	1	5	0	2	54.55	18.18	90.91
74	2	4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
134	2	4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
79	1	2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00

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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
PIPELINE—GAS														
Total	22,871	45,390	1,211	22	1,233	2	380	305	5,998	661	851	5.43	1.35	26.43
106	3,630	6,836	137	6	143	1	47	22	326	294	95	4.18	0.67	9.54
144	2,462	4,971	252	0	252	0	24	24	761	0	228	10.14	0.97	30.62
153	2,241	4,424	53	1	54	0	28	25	448	64	26	2.44	1.13	20.25
33	2,234	4,447	129	0	129	1	50	44	765	25	78	5.80	2.02	34.41
132	1,769	3,549	53	0	53	0	9	9	397	0	44	2.99	0.51	22.37
97	1,685	3,205	98	0	98	0	18	18	238	0	80	6.12	1.12	14.85
66	1,557	3,163	101	3	104	0	55	55	543	0	49	6.58	3.48	34.33
145	1,431	3,145	96	0	96	0	15	15	166	0	81	6.10	0.95	10.56
32	1,394	2,791	64	0	64	0	26	26	472	0	38	4.59	1.86	33.82
148	1,323	2,475	65	3	68	0	10	8	93	13	58	5.49	0.65	7.52
100	816	1,557	66	1	67	0	48	30	256	54	19	8.61	3.85	32.88
77	803	1,738	45	0	45	0	22	4	105	200	23	5.18	0.46	12.08
155	421	788	12	0	12	0	5	5	291	0	7	3.05	1.27	73.86
159	203	414	6	0	6	0	3	1	14	3	3	2.90	0.48	6.76
68	199	426	4	0	4	0	3	3	37	0	1	1.88	1.41	17.37
17	185	391	2	0	2	0	1	1	11	0	1	1.02	0.51	5.63
47	162	335	1	0	1	0	0	0	0	0	1	0.60	0.00	0.00
49	67	131	3	0	3	0	0	0	0	0	3	4.58	0.00	0.00
90	47	97	3	0	3	0	2	1	5	3	1	6.19	2.06	10.31
53	44	98	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
91	40	86	1	0	1	0	0	0	0	0	1	2.33	0.00	0.00
1	37	75	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
157	25	61	12	0	12	0	4	4	17	5	8	39.34	13.11	55.74
58	21	41	1	6	7	0	5	5	1,040	0	2	34.15	24.39	5,073.17
111	18	37	5	2	7	0	4	4	10	0	3	37.84	21.62	54.05
19	17	33	2	0	2	0	1	1	3	0	1	12.12	6.06	18.18
6	14	18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
107	14	38	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
120	12	20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1983
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MARINE														
Total	3,711	14,084	200	1	201	0	118	103	4,331	194	83	2.85	1.46	61.50
47	1,514	6,237	45	0	45	0	22	10	707	63	23	1.44	0.32	22.67
11	743	3,047	32	0	32	0	26	26	1,116	0	6	2.10	1.71	73.25
138	639	1,329	51	1	52	0	49	49	1,783	0	3	7.83	7.37	268.32
10	349	1,468	31	0	31	0	8	7	493	3	23	4.22	0.95	67.17
142	107	219	5	0	5	0	4	4	33	0	1	4.57	3.65	30.14
137	94	188	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
36	83	446	8	0	8	0	1	0	0	126	7	3.59	0.00	0.00
55	77	851	24	0	24	0	4	4	79	0	20	5.64	0.94	18.57
136	50	192	4	0	4	0	4	3	120	2	0	4.17	3.13	125.00
152	30	55	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
113	16	34	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
140	9	18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
RESEARCH & DEVELOPMENT														
Total	17,381	35,021	382	10	392	1	118	77	1,156	694	273	2.24	0.45	6.60
127	2,161	4,025	26	1	27	0	9	6	35	116	18	1.34	0.30	1.74
136	2,068	4,385	54	1	55	0	18	4	22	198	37	2.51	0.18	1.00
55	1,591	2,691	34	0	34	0	11	6	153	167	23	2.53	0.45	11.37
11	1,473	3,032	19	1	20	0	10	8	277	10	10	1.32	0.53	18.27
48	1,242	2,332	8	1	9	0	1	1	11	3	8	0.77	0.09	0.94
113	1,196	2,487	30	2	32	0	9	3	36	31	23	2.57	0.24	2.90
142	1,180	2,500	19	0	19	0	6	5	46	3	13	1.52	0.40	3.68
36	1,010	2,147	12	0	12	0	0	0	0	0	12	1.12	0.00	0.00
87	865	1,591	16	0	16	0	4	3	55	76	12	2.01	0.38	6.91
152	858	1,647	25	0	25	0	11	5	15	56	14	3.04	0.61	1.82
46	856	1,597	7	1	8	0	4	1	1	34	4	1.00	0.13	0.13
144	777	2,312	101	0	101	1	29	29	465	0	71	8.74	2.60	40.22
137	600	1,248	4	0	4	0	0	0	0	0	4	0.64	0.00	0.00
138	410	853	4	3	7	0	0	0	0	0	7	1.64	0.00	0.00
80	371	667	5	0	5	0	3	3	6	0	2	1.50	0.90	1.80
10	199	405	6	0	6	0	0	0	0	0	6	2.96	0.00	0.00
162	195	421	4	0	4	0	1	1	1	0	3	1.90	0.48	0.48
70	143	299	3	0	3	0	2	2	33	0	1	2.01	1.34	22.07
34	128	278	5	0	5	0	0	0	0	0	5	3.60	0.00	0.00
109	55	98	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
163	3	6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1983
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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
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							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
ENGINEERING & GENERAL SERVICES														
Total	10,650	22,507	220	0	220	1	102	65	1,370	553	117	1.95	0.59	12.17
11	2,144	5,083	27	0	27	0	11	11	108	0	16	1.06	0.43	4.25
113	2,075	4,316	66	0	66	0	25	10	172	86	41	3.06	0.46	7.97
48	1,640	3,076	26	0	26	0	14	5	192	183	12	1.69	0.33	12.48
162	1,315	2,776	15	0	15	1	9	9	65	5	5	1.08	0.72	4.68
77	1,052	2,145	28	0	28	0	19	7	103	277	9	2.61	0.65	9.60
47	450	884	4	0	4	0	2	2	21	0	2	0.90	0.45	4.75
137	420	875	1	0	1	0	1	1	1	0	0	0.23	0.23	0.23
53	303	603	4	0	4	0	4	4	5	0	0	1.33	1.33	1.66
33	297	596	12	0	12	0	2	2	106	0	10	4.03	0.67	35.57
10	203	385	3	0	3	0	0	0	0	0	3	1.56	0.00	0.00
46	173	320	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
87	153	317	5	0	5	0	3	3	44	0	2	3.15	1.89	27.76
70	126	263	16	0	16	0	8	8	500	0	8	12.17	6.08	380.23
91	103	206	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
118	96	483	8	0	8	0	3	2	22	2	5	3.31	0.83	9.11
34	32	60	4	0	4	0	1	1	31	0	3	13.33	3.33	103.33
22	30	48	1	0	1	0	0	0	0	0	1	4.17	0.00	0.00
73	16	26	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
128	12	25	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
21	4	8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
58	4	8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
8	1	2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
44	1	2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00

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							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MISCELLANEOUS														
Total	77,401	156,782	909	27	936	2	456	358	3,524	1,001	478	1.19	0.46	4.50
136	8,865	20,568	138	3	141	0	66	58	498	140	75	1.37	0.56	4.84
87	5,970	10,956	34	0	34	0	9	9	70	0	25	0.62	0.16	1.28
127	5,719	11,013	17	0	17	0	17	17	223	0	0	0.31	0.31	4.05
142	5,545	11,599	26	0	26	0	22	19	78	7	4	0.45	0.33	1.34
11	5,239	10,989	54	0	54	0	20	19	148	20	34	0.98	0.35	2.69
36	5,115	10,637	25	0	25	1	15	15	187	18	9	0.47	0.30	3.52
55	4,428	8,981	14	0	14	0	13	11	62	15	1	0.31	0.24	1.38
24	3,396	7,063	36	3	39	0	29	16	66	156	10	1.10	0.45	1.87
113	3,160	6,573	17	1	18	0	4	3	13	5	14	0.55	0.09	0.40
80	3,039	5,474	12	0	12	0	9	9	115	10	3	0.44	0.33	4.20
138	2,795	5,813	12	0	12	0	5	5	21	0	7	0.41	0.17	0.72
47	2,557	5,319	5	0	5	1	3	3	31	2	1	0.19	0.15	1.17
103	2,475	4,714	138	16	154	0	19	13	337	90	135	6.53	0.55	14.30
121	1,951	4,258	87	0	87	0	58	8	158	333	29	4.09	0.38	7.42
26	1,687	3,347	30	0	30	0	12	12	123	0	18	1.79	0.72	7.35
23	1,599	3,288	10	0	10	0	5	5	24	0	5	0.61	0.30	1.46
152	1,540	3,074	16	0	16	0	10	5	65	34	6	1.04	0.33	4.23
10	1,454	3,016	18	0	18	0	9	5	49	8	9	1.19	0.33	3.25
110	1,435	2,567	72	2	74	0	72	72	689	0	2	5.77	5.61	53.68
109	1,077	2,104	6	0	6	0	5	5	72	0	1	0.57	0.48	6.84
33	916	1,902	1	0	1	0	0	0	0	0	1	0.11	0.00	0.00
48	836	1,564	2	0	2	0	2	2	43	122	0	0.26	0.26	5.50
97	807	1,535	5	0	5	0	4	4	17	0	1	0.65	0.52	2.21
141	639	1,057	1	0	1	0	0	0	0	0	1	0.19	0.00	0.00
86	612	1,099	46	2	48	0	20	20	107	8	28	8.74	3.64	19.47
144	602	916	19	0	19	0	3	3	126	0	16	4.15	0.66	27.51
126	426	835	1	0	1	0	1	1	10	0	0	0.24	0.24	2.40
140	422	843	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
5	413	828	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
9	350	443	9	0	9	0	4	4	13	0	5	4.06	1.81	5.87
100	341	680	3	0	3	0	2	0	0	2	1	0.88	0.00	0.00
92	323	673	1	0	1	0	1	1	8	0	0	0.30	0.30	2.38
43	217	380	3	0	3	0	0	0	0	0	3	1.58	0.00	0.00
6	206	150	2	0	2	0	2	2	5	0	0	2.67	2.67	6.67
151	163	352	9	0	9	0	2	2	8	0	7	5.11	1.14	4.55

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							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MISCELLANEOUS (continued)														
40	160	333	1	0	1	0	0	0	0	0	1	0.60	0.00	0.00
46	141	265	2	0	2	0	2	1	10	25	0	1.51	0.75	7.55
122	117	248	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
112	82	169	8	0	8	0	2	2	20	2	6	9.47	2.37	23.67
118	68	205	23	0	23	0	7	7	128	0	16	22.44	6.83	124.88
134	63	129	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
34	59	123	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
17	55	69	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
25	55	112	3	0	3	0	2	0	0	4	1	5.36	0.00	0.00
73	50	81	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
135	38	77	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
21	37	74	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
117	31	56	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
75	22	41	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
79	22	47	2	0	2	0	0	0	0	0	2	8.51	0.00	0.00
39	17	33	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
96	14	25	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
157	13	14	1	0	1	0	0	0	0	0	1	14.29	0.00	0.00
147	10	17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
44	9	16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
51	9	18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
74	5	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
120	5	10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00

LIST OF RESPONDENTS

1. Alabama Tennessee Natural Gas Company
2. Alyeska Pipeline Service Company
3. Amarex
4. Amber Refining
5. American Petrofina, Inc.
6. Anadarko Production Company
7. Arcadia Refining Company
8. Armour Properties
9. Asamera Oil (U.S.) Inc.
10. Ashland Oil Inc.
11. Atlantic Richfield Company
12. Beacon Oil Company
13. BP North America Trading Inc.
14. Breckenridge Gasoline Company
15. Buckeye Gas Products Company
16. C.P.I. Oil & Refining, Inc.
17. Cabot Corporation—Gas Processing & Pipeline
18. Cabot Corporation—Oil & Gas Division
19. Caddo Pine Island Corporation
20. Cal Gas Corporation
21. Celeron Oil & Gas Company, Inc.
22. Celsius Energy Company
23. Champlin Petroleum Company
24. Chevron U.S.A. Inc.
25. Cheyenne Light, Fuel & Power Company
26. Cities Service Oil & Gas Corporation
27. Claiborne Gasoline Company
28. Clark Oil & Refining Corporation
29. Coastal Oil Company
30. Coastal States Petroleum Company
31. Colonial Pipeline Company
32. Colorado Interstate Gas Company
33. Columbia Gas Transmission Corporation
34. Columbia LNG Corporation
35. Condor Operating Company
36. Conoco Inc.
37. Cook Inlet Pipe Line Company
38. Cotton Petroleum Corporation
39. Cross Oil & Refining Company
40. Dorchester Gas Corporation
41. Eddy Refining Company
42. El Paso Natural Gas Company
43. Ensearch Exploration, Inc.
44. Equity Oil Company
45. Explorer Pipeline Company
46. Exxon Chemical Company
47. Exxon Company, U.S.A.
48. Exxon Research & Engineering Company
49. Farmland Industries, Inc.
50. Florida Hydrocarbons Company
51. E. E. Fogelson
52. Fuelco
53. Getty Oil Company
54. Golden West Refining Company
55. Gulf Oil Corporation
56. Hellman Estate
57. Hewit & Dougherty
58. Home Petroleum Corporation
59. Hunt Oil Company
60. Husky Oil Company
61. Husky Pipeline Company
62. Hydrocarbon Transportation, Inc.
63. Indiana Farm Bureau Coop. Assn., Inc.,
64. J. W. Gibson Well Service Company
65. J-O'B Operating Company
66. K N Energy, Inc.
67. Kaneb Pipe Line Company
68. Kansas Power & Light Company
69. Kentucky Hydrocarbon
70. Kerr-McGee Corporation
71. Koch Refining Company
72. Lake Ronel Oil Company
73. Lakehead Pipe Line Company, Inc.
74. Lakeside Refining Company
75. Lario Oil & Gas Company
76. Laurel Pipe Line Company
77. Lone Star Gas Company
78. Louisiana Land & Exploration Co., The
79. Macmillan Ring-Free Oil Company, Inc.
80. Marathon Oil Company
81. Marion Corporation
82. Mercury Drilling Company
83. Mesa Petroleum Company
84. MGPC
85. Minerals Inc.
86. Mississippi Valley Gas Company
87. Mobil Oil Corporation
88. Modular, Inc.
89. Monsanto Oil Company
90. Mountain Fuel Resources
91. Mountain Fuel Supply
92. Murphy Oil USA, Inc.
93. Mustang Gas Products
94. National Cooperative Refinery Assn.
95. National Fuel Gas Supply Corporation
96. National Helium Corporation
97. Natural Gas Pipeline Co. of America
98. Navajo Refining Company
99. Northern Gas Products Company
100. Northwest Central Plieline Corporation
101. Occidental Oil & Gas Company
102. Ohio Oil Gathering Corporation
103. Oklahoma Natural Gas Company
104. Pacific Oasis
105. Pacific Refining Company
106. Panhandle Eastern Pipe Line
107. Pantera Energy Corporation
108. Parade Company, The
109. Pennzoil Company
110. Peoples Natural Gas Company, The
111. Petrolane Lomita Gasoline Company
112. PetroUnited, Inc.
113. Phillips Petroleum Company
114. Plantation Pipe Line Company
115. Plateau, Inc.
116. Portal Pipe Line Company
117. Portland Pipe Line Corporation
118. Powerine Oil Company
119. Pride Refining Inc.
120. Producers Gas Equities
121. Public Service Company of Colorado
122. Rock Island Refining Corporation
123. Rocket Oil Company
124. Rowan Companies, Inc.

125. Saber Refining Company
126. Santa Fe Energy Company
127. Shell Oil Company
128. Sid Richardson Carbon & Gasoline Company
129. Sinclair Oil Corporation
130. Somerset Refinery, Inc., The
131. Sonat Exploration Company
132. Southern Natural Gas Company
133. Southern Pacific Pipelines
134. Southern Union Refining Company
135. Southland Oil Company
136. Standard Oil Company (Indiana)
137. Standard Oil Company (Ohio), The
138. Sun Company, Inc.
139. Tauber Oil Company
140. Tenneco Oil Company
141. Tesoro Petroleum Corporation
142. Texaco Inc.
143. Texas City Refining, Inc.
144. Texas Eastern Transmission Corporation
145. Texas Gas Transmission Corporation
146. Texas Oil & Chemical Terminal
147. Texfel Petroleum Corporation
148. Trunkline Gas Company
149. U.S. Industrial Chemicals Company
150. U.S. Oil & Refining Company
151. Union Gas System, Inc.
152. Union Oil Company of California
153. United Gas Pipe Line Company
154. United Refining Company
155. United Texas Transmission Company
156. UPG, Inc.
157. Upham Oil & Gas Company
158. Vulcan Refining Company
159. Western Slope Gas Company
160. Wexpro Company
161. Williams Pipe Line Company
162. Witco Chemical Corporation
163. Young Refining Corporation

INSTRUCTIONS FOR COMPLETING REPORT OF OCCUPATIONAL ILLNESSES AND INJURIES

FUNCTION AND SIC—COLUMNS 1 AND 2

All employees regardless of classification, whose time is charged to a specific function should be reported under that function in accordance with the definitions listed below. Data should not be combined for two or more functions if it is possible to subdivide the data into individual functional totals.

Standard Industrial Classifications are taken from Standard Industrial Classification Manual—1972 issued by the Statistical Policy Division, Office of Management and Budget. Available from U.S. Government Printing Office, Stock Number, 041-001-00066-6.

EXPLORATION AND PRODUCTION—SIC 1311

Geophysical, seismographic, and geological operations, including administrative work incidental thereto. Producing operations, both onshore and offshore, including maintenance and servicing of production properties and transportation of crews and materials.

GAS PROCESSING—SIC 1321

Processing of gas to produce liquid hydrocarbons such as ethane, liquefied petroleum gases and natural gasoline.

DRILLING—SIC 1381

Operation of drilling rigs, both onshore and offshore, including transportation of equipment, rigging up, and dismantling of equipment. By definition, SIC 1381 includes only drilling for others on a contract fee, or similar basis, however, it is used here to also include drilling rigs operated by oil company employees as well.

CHEMICALS—SIC 2800

Chemical operations which are a functional part of the reporting company but are under separate management from refining. Also includes producing and basic chemical establishments manufacturing products by predominantly chemical processes.

REFINING—SIC 2911

Refining of crude oil to produce gasoline, kerosine, distillate fuel oils, residual fuel oils and other products from crude petroleum. Production and processing of petroleum chemicals where such processing is an integral part of the refining operations and is under the same functional management is also included.

MARKETING—WHOLESALE—SIC 5171

Bulk distribution of petroleum products, including truck and transsport deliveries and administrative activitites related thereto. Bulk distribution of tires, batteries, and accessories is also included.

MARKETING—RETAIL—SIC 5541

Retail service state operations, including driveway sales, service, station maintenance and road service operations. Retail service stations may also sell other merchandise, provide car wash services and perform minor repair work.

PIPELINE—CRUDE AND PRODUCTS—SIC 4610

Operations incidental to gathering systems and trunk line transportation of crude oil and to transportation via pipeline of refined and semi-refined products including pipeline station operations.

PIPELINE—GAS—SIC 4922

Gas gathering and trunk line operations of natural gas transmission lines up to the point of retail distribution.

MARINE—SIC 4400

Ocean and coastwise tankship operations, including inland water tankship and barge operations, and land based marine department operations.

RESEARCH AND DEVELOPMENT—SIC N/A

Research laboratory and development operations.

ENGINEERING AND GENERAL SERVICES—SIC N/A

Include all engineering activities—such as mechanical, electrical, and civil engineering activities which are not included in respective functional totals. Also include the following operations: Communications, automotive, and general building operations and maintenance.

MISCELLANEOUS—SIC N/A

Include administrative and service departments—such as law, controller, medical, public affairs, employee relations, aviation, and executive activities—if they are not included in the respective functional totals.

TOTAL COMPANY PETROLEUM OPERATIONS—SIC N/A

Include only manhours and occupational injuries and illnesses which occurred in petroleum operations as defined above.

NOE: SIC N/A—No SIC applicable to function or functions in Column 1.

NUMBER OF EMPLOYEES—COLUMN 3

Average number of full time employees (or equivalent) during the reporting year.

HOURS WORKED—COLUMN 4

If possible, report the total number of hours actually worked by all employees during the reporting year including overtime worked. Do not include any non-work time even though paid such as vacations, holidays, sick leave, etc. The hours worked figure should be obtained from payroll or other time records whenever possible. If necessary to estimate hours worked, give considerations to actual working schedules. For salaried employees working 40 hours per week, a monthly figure of 173.3 hours per employee may be used.

For marine operations include all hours and all injuries and occupational illnesses incurred by all employees aboard vessels including standby employees, and seamen aboard vessels who are restricted to the confines of the employer's premises.

RECORDABLE CASES—COLUMN 5

Recordable occupational injuries and illnesses are any cases which involve:

1. Occupational Fatalities (deaths) regardless of the length of time between injury and death, or the length of the illness; or
2. Occupational Illnesses; or
3. Occupational Injuries which result in one or more of the following: loss of consciousness, restriction of work or motion, transfer to another job, or medical treatment (other than first aid).

EXTENT AND OUTCOME OF INJURY OR ILLNESS—COLUMN 6

Each recordable case must be classified as to extent and outcome as follows:

Column 6(d) Fatality—A fatality resulting from an occupational injury or illness should be charged to the year in which the injury occurred or the illness was diagnosed as an occupational illness.

Column 6(e) Lost Workday Cases—All cases which involve days away from work or days of restricted activity, or both, should be shown in Column 6(e).

Column 6(f) Lost Workday Cases—Unable to Work—All cases which result in the employee being unable to work should be shown in Column 6(f).

Column 6(g) Number of Days Away From Work—Enter the total number of workdays (consecutive or not) on which the employees involved in cases entered in Column 6(f) would have worked but did not because of occupational injury and illness.

Column 6(h) Number of Days of Restricted Activity—Enter the total number of workdays (consecutive or not) on which the employees involved in cases entered in Column 6(e) were (1) assigned to a temporary job; (2) worked at a permanent job less than full time or (3) worked at a permanently assigned job but were unable to perform all duties normally assigned to it.

The number of lost workdays should not include the day of injury or any days which the employee was not scheduled to work.

Column 6(i) Non-Fatal Cases Without Lost Workdays—Enter the total number of recordable cases which do not involve a fatality or lost workdays.

Column 6(i) = Column 5(c) less [Column 6(d) + Column 6(e)]

INCIDENCE RATES—COLUMN 7

All incidence rates recorded in Column 7 are calculated as follows:

$$\text{Incidence Rates} = \frac{\text{Number of Injuries and/or Illnesses} \times 200{,}000}{\text{Total Hours Worked During the Year}}$$

200,000 = base for 100 full time equivalent employees.

$$\text{Column 7(j)} = \frac{\text{Column 5(c)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

$$\text{Column 7(k)} = \frac{\text{Column 6(d) + Column 6(f)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

$$\text{Column 7(l)} = \frac{\text{Column 6(g)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

SEND TO:

American Petroleum Institute
Statistics Department
1220 L Street, Northwest
Washington, D.C. 20005

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

Company _____
Street or Box No. _____
City _____ State _____ Zip _____
By (Full Name—Please type)

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR _____
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

1	2	3	4	5			6						7		
				Recordable Cases			Extent and Outcome of Injury or Illness						Incidence Rates		
				a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.
									Lost Workday Cases						
Function	SIC	Number of Employees	Hours Worked (Thousands)	Injuries	Illnesses	Total	Fatalities	Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity	Non-Fatal Cases Without Lost Workdays	Total Cases	6d. plus 6f.	Lost Work-day-Days Away From Work
Exploration & Production	1311														
Gas Processing	1321														
Drilling	1381														
Chemicals	2800														
Refining	2911														
Marketing—Wholesale	5171														
Marketing—Retail	5541														
Pipeline-Crude and Products	4610														
Pipeline-Gas	4922														
Marine	4400														
Research and Development															
Engineering & Gen. Service															
Miscellaneous															
Combined Functions															
Total															

Subsidiary and Affiliated Companies Included in This Report _____

_____

_____

NOTE:

The data contained in this report is submitted with the understanding that it may be listed in the Annual Summary to show, by name, the company from which it was received.

2300 — 7/84 -- 5C